



Alpha Boats Unlimited

● Trash & Debris Skimmers ● Aquatic Harvesters ● Crane Boats ● Dredges ● Oil Skimmers ●

AQUATIC PLANT/WEED HARVESTER

Project Data Questionnaire

Alpha Boats Unlimited

a div. of Barber Welding, Inc.

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Complete the information on the following pages by placing the cursor in the red boxes and typing your information or click to select check boxes. Indicate if measurements are in feet or meters by checking each appropriate box.

Company: _____ Date: _____
Address: _____
Telephone No: _____ Fax: _____
Name: _____ Title: _____
Website: _____ Email: _____

1. The type of work for which the Aquatic Harvester will be used falls into one or more of the following categories:

- | | |
|---|---|
| <input type="checkbox"/> Recreation | <input type="checkbox"/> Water-Flow Control |
| <input type="checkbox"/> Drinking Water Maintenance | <input type="checkbox"/> Navigation |
| <input type="checkbox"/> Aqua Culture | <input type="checkbox"/> Nutrient Removal |

Other: (Describe briefly)

2. The geographical location of the project area is:

3. Description of waterway and shore conditions:

- | | | |
|------------------------------------|---------------------------------|------------------------------------|
| <input type="checkbox"/> Lake | <input type="checkbox"/> Canal | <input type="checkbox"/> River |
| <input type="checkbox"/> Reservoir | <input type="checkbox"/> Lagoon | <input type="checkbox"/> Marina(s) |

Other:

No. of water bodies:

Size of water bodies: (Total) AC (HA)

Size of weeded area(s) to be harvested: (Total) AC (HA)

Distance to usable shore unloading sites (Avg.):

Type of Water: Fresh Water Salt Water Brackish

Shoreline Description:

Availability of launch ramps NO YES If YES, how many?

Shore elevation above water line:

Boat traffic? (Define):

Rooted submerged such as:

Milfoil _____%
Elodea _____%
Hydrilla _____%
Pondweeds _____%
Eelgrass _____%
Chara _____%
Other (Describe) _____%

TOTAL _____ 100%

Rooted Emerged such as:

Cattails _____%
Reeds _____%
Sawgrass _____%
Sedges _____%
Other (Describe) _____%

TOTAL _____ 100%

Stem Size _____ in/ _____ mm

Floating such as:

Water Hyacinth _____%
Silvania _____%
Duck Weeds _____%
Algae _____%
Other (Describe) _____%

TOTAL _____ 100%

b. Marine vegetation, i.e. Kelp (describe)

c. Has a lake study relative to weed growth and control in this water body been conducted? No Yes

If yes, by whom:

5. This project requires a total of _____ ton(s) of vegetation to be harvested within _____ months. The harvester is expected to work _____ shifts, each of _____ hours per day, and will work _____ days per months, and _____ months per year.

6. On this project, one or more of the following conditions will prevail during normal operation of the harvester:

| CONDITION | Continuously | Occasionally | Hardly Ever |
|---|--------------|--------------|-------------|
| Calm Water | | | |
| Rough Water | | | |
| Swells less than 2 ft high (60 cm) high | | | |
| Swells over 2 ft high (60 cm) high | | | |
| Currents - 1 to 2 knots | | | |
| Currents - over 5 knots | | | |
| Winds up to 20 miles per hour | | | |

-3-

7. Maximum allowable draft of boat on this project _____ ft. meter

Maximum overhead clearance _____ ft. meter

Maximum width clearance. _____ ft meter
 Maximum weight limits for over the road transportation _____ ft. meter
 Maximum size limits for over the road transportation _____ x _____ x _____ ft meter

8. a. Electrical Power Available for Project, if any:

- Generator
- Electric current from shore:

_____ volts
 _____ phase
 _____ cycles
 (Specify amount)

b. Availability of Cranes(s):

- Fixed _____ Capacity (Tons)
- Mobile _____ Capacity (Tons)

9. a. Additional information on this project is Attached Available on request

- Detailed Description
- Topographical Maps
- Photographs
- Nautical Charts
- Air/Satellite Photo
- _____

b. This project is a special industrial application, as indicated in Item 1, and a complete description of the particular materials to be harvested and other special conditions are attached.

10. The harvester should be ready for operation on this project no later than _____.